



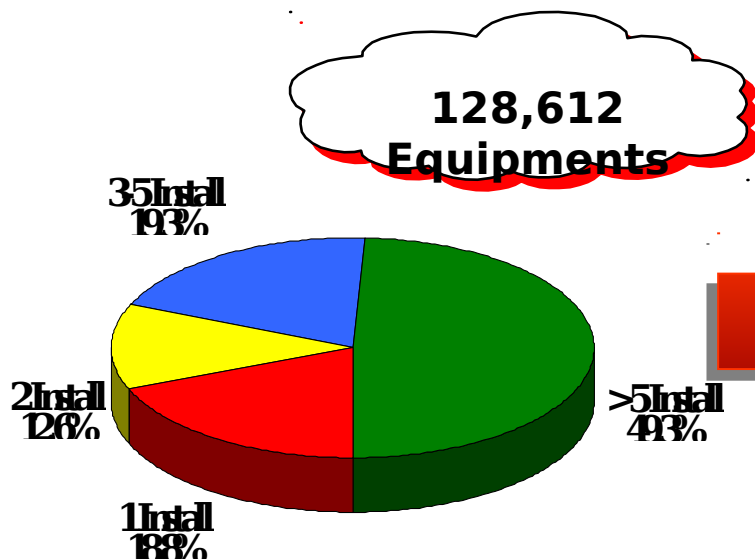
**NAVAL SUPPLY SYSTEMS  
COMMAND**



**Maritime HM&E Standardization  
Structure ... Best Value Selection Process  
Surface Warfare Enterprise**

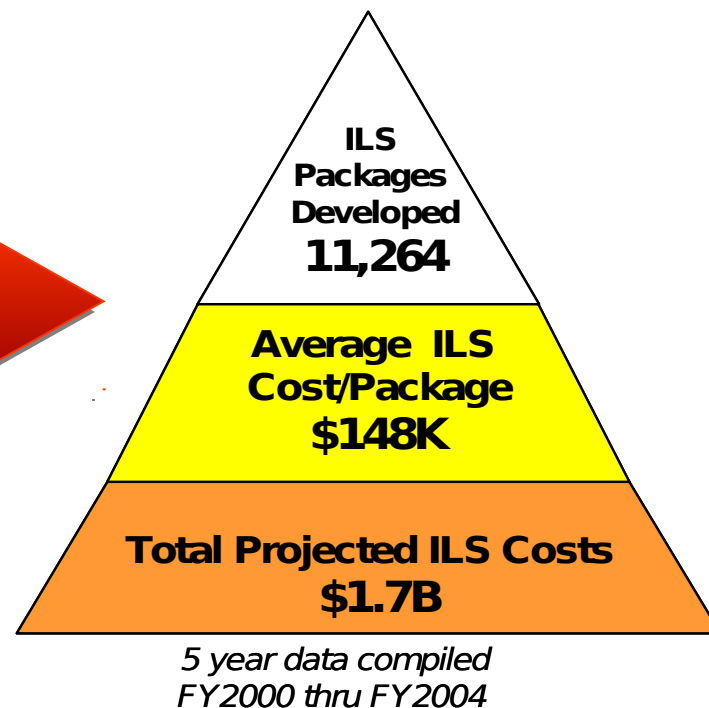
**NAVSUP 04**

## Current Environment



Based on NSLC FY2005 Standard Profiles Reports

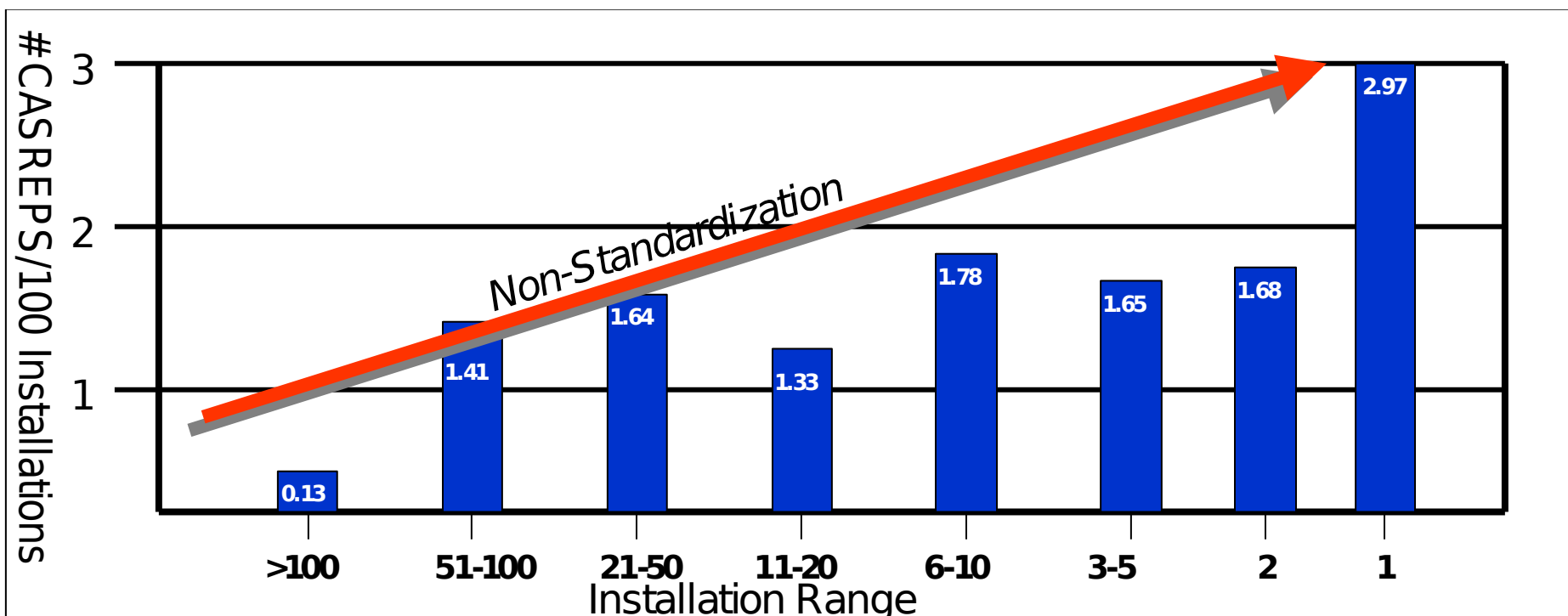
## Financial Impact



**Increased use of common HM&E equipment generates greater interoperability, increases readiness and lowers total ownership costs**

## ❖ Proliferation of non-Standard HM&E introductions

- *Drives higher life cycle logistics support costs*
- *Negatively impacts readiness*



**Total Lifecycle Costs**  
**Readiness**



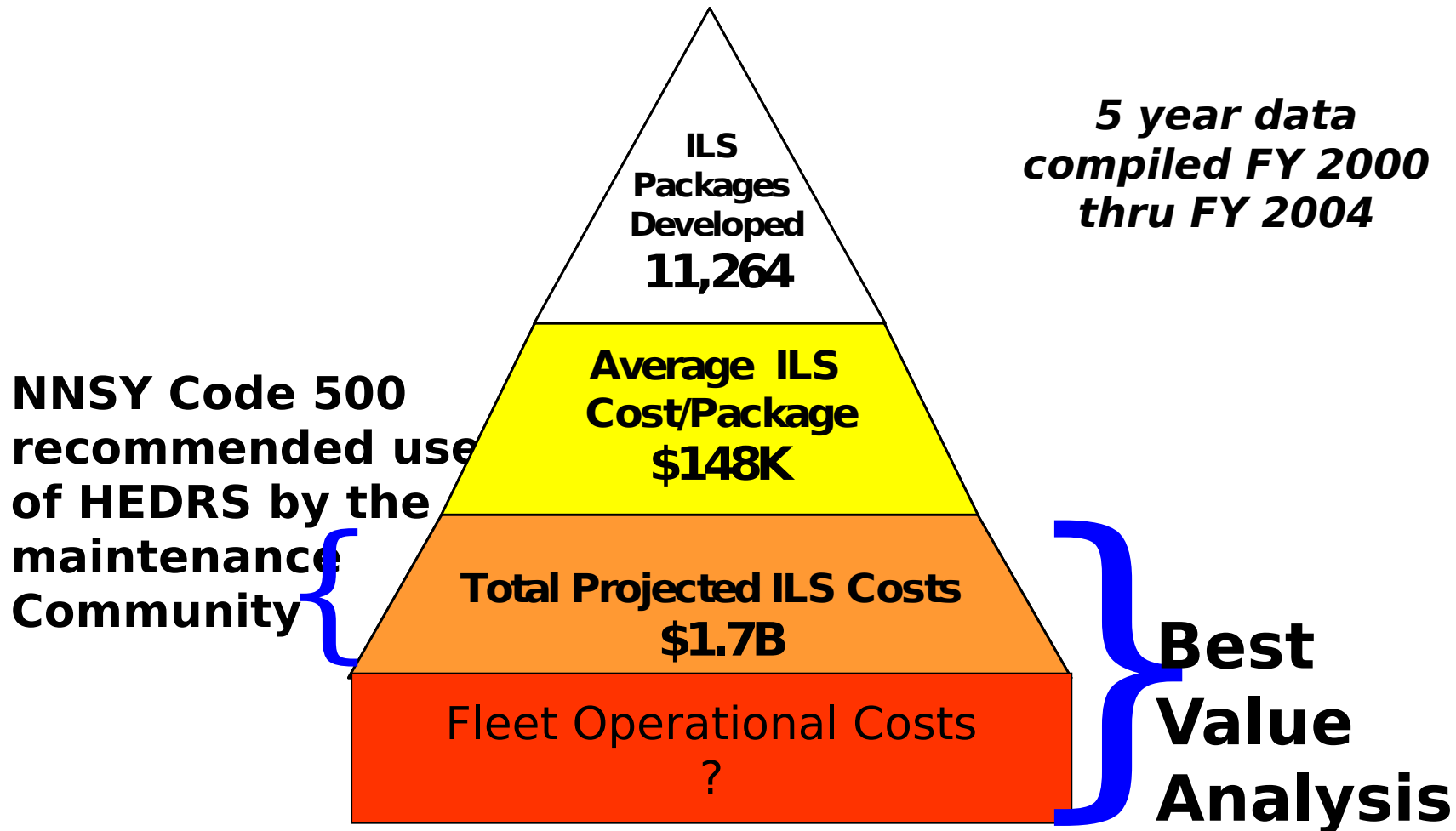
## Standardization

*Right Readiness...Right cost*

**New  
Construction**

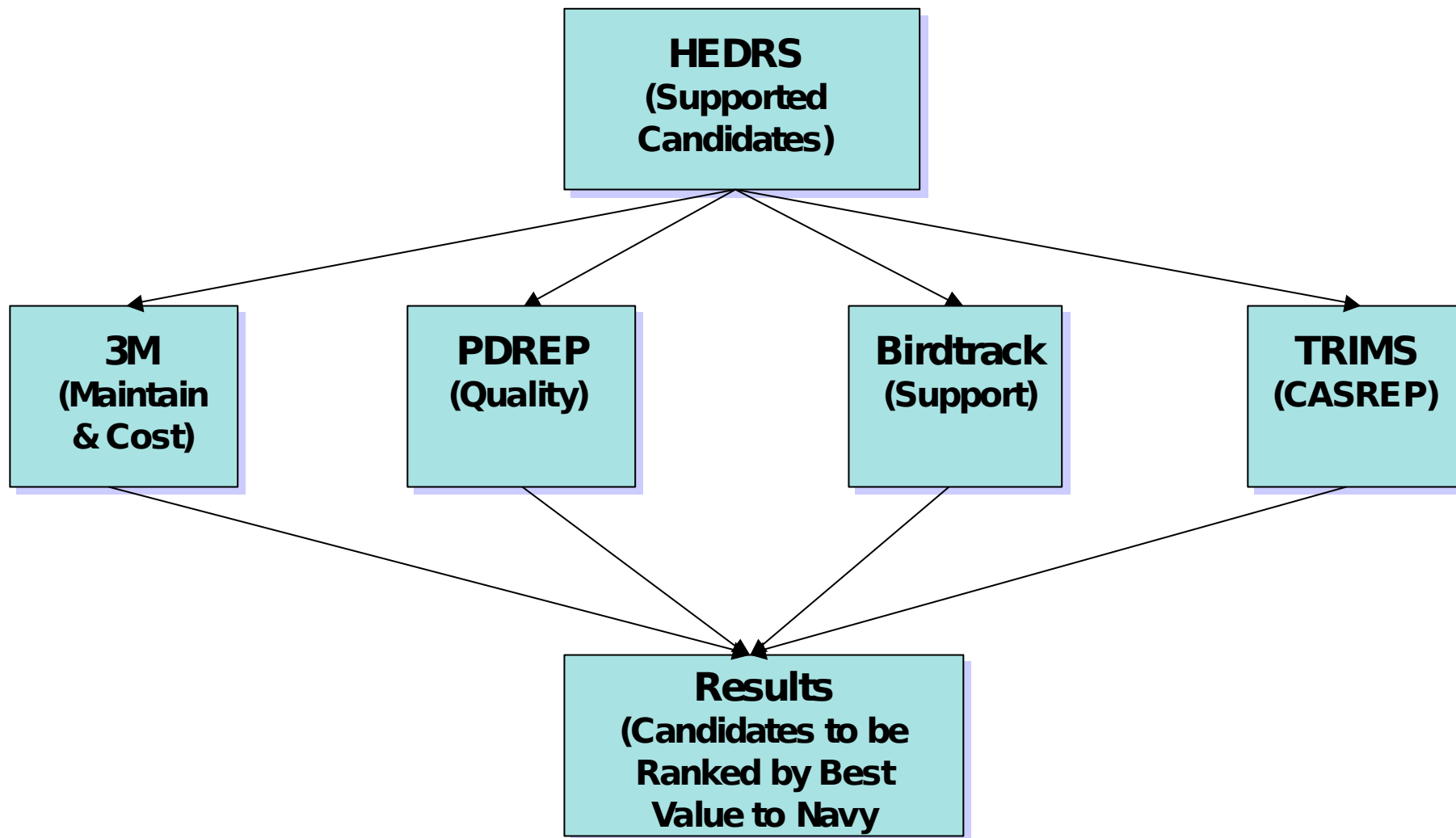
**Maintenance**

- **Commodity Contract Vehicles**
- **Best Value Analysis**





# **NAVSUP** *Best Value Data Flow*

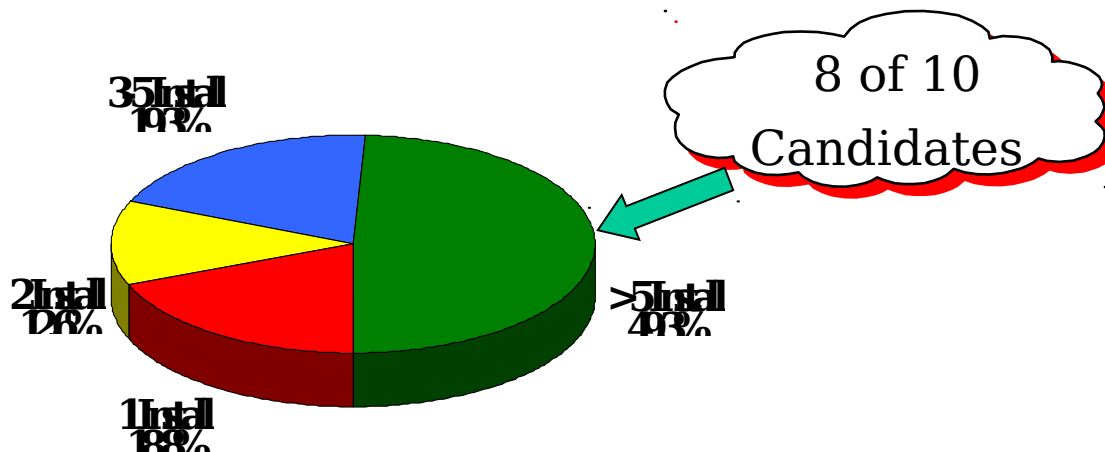


- ❖ **Best Value replacement for APL 882045560**
- ❖ **Searched HEDRS using**
  - ***Size - 2.00 inch Gate Valve***
  - ***Type - Inline***
  - ***Pressure Rating - 600 psi***
  - ***Temperature Rating - 775 Degrees F***
  - ***Body Material - Carbon Steel***
  - ***End Connections - Socket Welded***
  - ***OEM Supportability - Fully Supported***



## HEDRS Results

APL	ESC	COTS	NOMENCLATURE	CAGEC	ShipPop	FltPop
882042381	A	N	VALVE GATE 2.000IPS 600.0PSI SWLDG	85130	1	12
M882044101	A	N	VALVE GATE 2.000IPS 600.0PSI SWLDG	57574	5	10
882044682	A	N	VALVE GATE 2.000IPS 600.0PSI SWLDG	63220	18	380
882046885	A	Y	VALVE GATE 2.000IPS 600.0PSI SWLDG	63220	2	3
882047450	A	N	VALVE GATE 2.000IPS 600.0PSI SWLDG	57574	37	623
882047776	A	N	VALVE GATE 2.000IPS 600.0PSI SWLDG	57574	3	45
882049161	A	Y	VALVE GATE 2.000IPS 600.0PSI SWLDG	63220	15	126
882049268	A	Y	VALVE GATE 2.000IPS 600.0PSI SWLDG	13902	2	19
883040690	A	Y	VALVE GATE 2.000IPS 600.0PSI SWLDG	61661	1	2
883040719	A	N	VALVE GATE 2.000IPS 600.0PSI SWLDG	57574	8	139



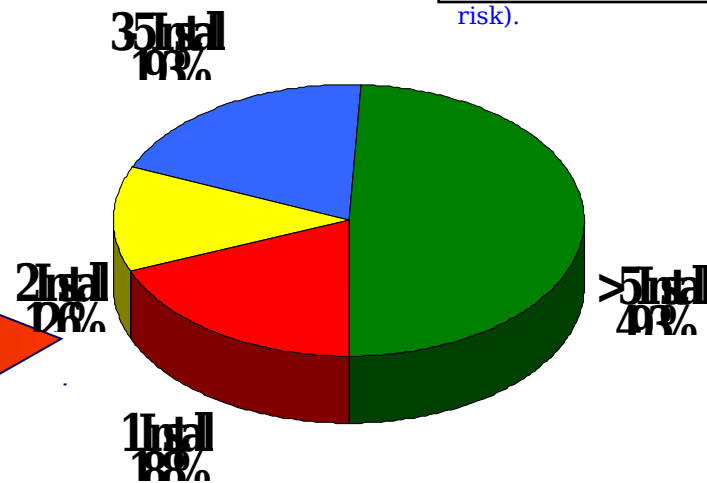
**Selection based solely on initial HEDRS results doesn't necessarily yield the Best Value to the Navy!**



		NAVY									
		Fleet Population	C3/C4 CASREPs	TOC (per installation)							
				APL	HEDRS Flt Pop	Total Cost	# M/A	#Issues	Total M/H	ACWT (per repair part)	COTS
882047450	623	487	0	\$ 157.00	0.05	0.08	3.75	18	N	Green	Yellow
882049161	126	110	0	\$ 38.36	0.06	0.05	0.89	22	Y	N/A	N/A
882044682	380	54	0	\$ 118.77	0.09	0.02	3.17	37	N	N/A	N/A
883040719	139	1	0	\$ -	0.00	0.00	0.00	0	N	Green	Yellow

Red (high risk)  
Yellow (moderate risk)  
Green (low or no known risk).

When looking at Navy-Only Fleet pops, candidates can be reduced from >5 to 1 install (i.e. APL 883040719)



- ❖ **Represents a Possible Best Value Solution**
- ❖ **Additional data may be needed**
- ❖ **Need to develop ranking factors for data elements**



***Back UP***

- ❖ **Proliferation of non-standard HM&E equipment has:**
  - *Driven higher life cycle logistics support costs*
  - *Negatively impacted Fleet readiness*
- ❖ **Navy Guidance**
  - *Improve Readiness and Operational Availability*
  - *Reduce TOC through refinement of existing business processes and practices*
  - *Reduce the cost to develop, produce, field and sustain capability*
  - *Lean/Six Sigma...rapid implementation of innovations to address costly process deficiencies*

***Greater Standardization = Greater interoperability, increased readiness, lower total ownership costs***



# Background



## EXCOMM

- ❖ **ASN (RD&A) directed establishment of Maritime HM&E EXCOMM**
- ❖ **Co-Chaired by NAVSEA & NAVSUP**

## Purpose

- ❖ **Serve as Maritime HM&E standardization authority**
- ❖ **Identify standardization opportunities**
- ❖ **Craft procurement strategies**

## Goals

- ❖ **Increase Fleet material availability**
- ❖ **Dramatically reduce introduction of non-standard HM&E equipment to the Fleet**
- ❖ **Reduce overall life cycle costs associated with the introduction of non-standard HM&E**
- ❖ **Maintain or reduce procurement cost of HM&E for new construction, modernization and repair**

***Enterprise Solution for standardization...Adopt a single process***



# **NAVSUP Accomplishments**



- ❖ **Charter signed**
- ❖ **ESC stood up**
- ❖ **Working Groups established and co-chairs/  
membership determined**
  - ***WG1 New Construction***
  - ***WG2 Maintenance/Repair***
  - ***WG3 Commodities Management***
  - ***WG4 Governance***
- ❖ **ESC approved WG 4 Governance approach...**
  - ***process flow and authority levels***
- ❖ **HM&E Standardization web page established**
  - ***<http://www.nslc.navsea.navy.mil/hme/index.nsf>***

